State Of California The Resources Agency of California

Memorandum

Date: February 15, 2008
File: Walnut Creek Energy Park (05-AFC-2)

To: Jackalyne Pfannenstiel, Presiding Member

From: California Energy Commission - Jack W. Caswell, Project Manager
1516 Ninth Street
Sacramento, CA 95814-5512

Subject: **ERRATA TO STAFF'S COMMENTS ON THE ERRATA TO PRESIDING MEMBER'S PROPOSED DECISION, AND THE AMENDED FINAL DETERMINATION OF COMPLIANCE**

Staff inadvertently neglected to incorporate a change to condition of certification AQ-7 that had been previously accepted by all parties.

AIR QUALITY

Testimony of Joseph M. Loyer

Staff submits this errata to correct the air quality condition of certification AQ-7 as shown below as previously agreed to by all parties. (Note: deleted text is in ~~strikethrough~~, new text is **bold and underlined**)

AQ-7 ~~The project owner shall conduct an initial source test and annually thereafter for NOx, CO and NH_3 and for SOx, VOC and PM10 of each gas turbine exhaust stack in accordance with the following requirements:~~
The project owner shall conduct an initial source test for NOx, CO, SOx, VOC, NH_3 and PM10 and periodic source test every three years thereafter for NOx, CO, SOx, VOC and PM10 of each gas turbine exhaust stack in accordance with the following requirements:

- The project owner shall submit a source test protocol to the AQMD and the CPM 45 days prior to the proposed source test date for approval. The protocol shall include the proposed operating conditions of the gas turbine, the identity of the testing lab, a statement from the lab certifying that it meets the criteria of AQMD Rule 304, and a description of all sampling and analytical procedures.
- The initial source test shall be conducted no later than 180 days following the date of first fire.
- The AQMD and CPM shall be notified at least 10 days prior to the date and time of the source test.
- The source test shall be conducted with the gas turbine operating under maximum, average and minimum loads.
- The source test shall be conducted to determine the oxygen levels in the exhaust.
- The source test shall measure the mass flow rate in lb/hr, fuel flow rate, the flue gas flow rate and the turbine generating output in MW.
- The source test shall be conducted for the pollutants listed using the methods**,** averaging times**,** and test locations indicated and as approved by the CPM:

Pollutant	Method	Averaging Time	Test Location
NOx	AQMD Method 100.1	1 hour	Outlet of SCR
CO	AQMD Method 100.1	1 hour	Outlet of SCR
SOx	AQMD approved method	AQMD approved averaging time	Fuel Sample
VOC	AQMD approved method	1 hour	Outlet of SCR
PM10	AQMD approved	AQMD approved	Outlet of SCR

(and as a surrogate for PM2.5)	method	averaging time	
Ammonia	AQMD Methods 5.3 and 207.1 or EPA Method 17.	1 hour	Outlet of SCR

- The source test results shall be submitted to the AQMD and the CPM no later than 60 days after the source test was conducted.
- All emission data is to be expressed in the following units:
  1. ppmv corrected to 15% oxygen dry basis,
  2. pounds per hour,
  3. pounds per million cubic feet of fuel burned and
  4. additionally, for PM10 only, grains per dry standard cubic feet of fuel burned.
- Exhaust flow rate shall be expresses in terms of dry standard cubic feet per minute and dry actual cubic feet per minute.
- All moisture concentrations shall be expressed in terms of percent corrected to 15 percent oxygen.

Verification: The project owner shall submit the proposed protocol for the initial source tests at least 45 days prior to the proposed source test date to both the AQMD and CPM for approval. The project owner shall submit source test results no later than 60 days following the source test date to both the AQMD and CPM. The project owner shall notify the AQMD and CPM no later than 10 days prior to the proposed initial source test date and time.